

### **ABSTRACT OF THE DISCLOSURE**

The invention provides a cDNA which encodes TIMM8b-related protein. It also provides for the  
5 use of the cDNA, fragments, complements, and variants thereof and of the encoded protein, portions  
thereof and antibodies thereto for diagnosis and treatment of cancer, particularly breast cancer, ovarian  
cancer, and kidney cancer; and neurodegenerative disorders, particularly Mohr-Tranebjærg syndrome,  
epilepsy, spasticity, and dystonia. The invention additionally provides expression vectors and host cells for  
the production of the protein and a transgenic model system.